MONTE(BN68-00625A-01)_UK 4/20/04 08:23 PM Page 1

SAMSUNG

WIRELESS LCD TV

LW15B13C

Owner's Instructions

Before operating the unit,
please read this manual thoroughly,
and retain it for future reference.

WIRELESS LAN
POWER SAVING
TELETEXT

MONTE(BN68-00625A-01)_UK 4/20/04 08:23 PM Page 2

MONTE(BN68-00625A-01)_UK 4/20/04 08:23 PM Page 3

Contents

◆ CONNECTING AND PREPARING YOUR TELEVISION

- View of Your Television 5
- Notes on Base Station Installation..... 7
- How to Install the Base Station..... 8
- Adjusting the Client Angle 8
- Infrared Remote Control 9
- Inserting the Batteries in the Remote Control..... 10
- Connecting to an Aerial or Cable Television Network 10
- Switching Your Television On and Off..... 11
- Placing Your Television in Standby Mode 12
- Becoming Familiar with the Remote Control 13
- Plug & Play Feature..... 14
- Choosing Your Language..... 15

◆ SETTING THE CHANNELS

- Storing Channels Automatically..... 16
- Sorting the Stored Channels 17
- Storing Channels Manually..... 18
- Skipping Unwanted Channels 20
- Assigning Names to Channels 21
- Fine Tuning Channel Reception 22

◆ USING YOUR TELEVISION

- Changing the Picture Standard 23
- Adjusting the Picture Settings..... 24
- Changing the Colour Tone 24
- Selecting the Picture Size..... 25
- Setting the Blue Screen..... 25
- Freezing the Current Picture 26
- Changing the Sound Standard 26
- Selecting the Auto Volume 27
- Selecting the Sound Mode 28
- Setting and Displaying the Current Time..... 29
- Setting the Sleep Timer 30
- Switching the Television On and Off Automatically 31

MONTE(BN68-00625A-01)_UK 4/20/04 08:23 PM Page 4

Contents (continued)

◆ USING YOUR TELEVISION (continued)
- Selecting the Power Saving 32
- Displaying Information 32
- Setting the Wireless LAN 33

◆ USING THE TELETEXT FEATURE
- Teletext Feature 34
- Displaying the Teletext Information 34
- Selecting a Page by Number 35
- Using FLOF to Select a Page 36
- Storing Teletext Pages 36

◆ ADDITIONAL INFORMATION ON CONNECTIONS
- Viewing an External Signal Source 37
- Connecting to the External Input/Outputs 38
- DC Input Jack Power Cable 38
- Connecting to the RCA Input 39
- Connecting to the S-Video Input 39
- Connecting Headphones 40
- Connecting to the IR Relay 40
- Connecting the Power Adapter and Recharging the Battery Pack 41
- Using the Battery Pack 42
- Cautions on Storing and Using the Battery Pack 42

◆ RECOMMENDATIONS FOR USE
- SCART Connector Wiring (EXT1, EXT2 or EXT3) 43
- Troubleshooting: Before Contacting Service Personnel 44
- Technical and Environmental Specifications 45

Symbols

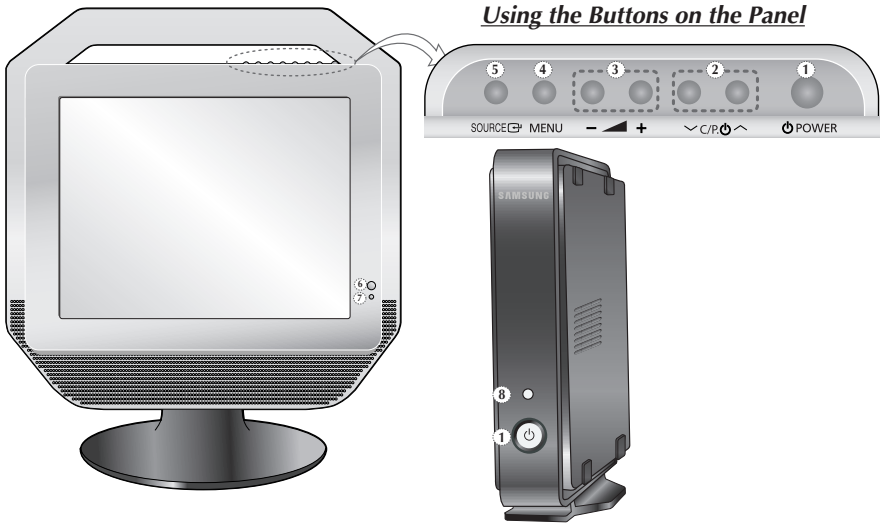
Press

Important

Note

View of Your Television

Control Panels



1) Power On/Off	**5) Input Source Selection**
2) Channel Selection	**6) Remote Control Sensor**
3) Volume Adjustment	**7) Standby Indicator**
4) Menu Display	**8) Wireless Signal Indicator**

➢ ***Using the Buttons on the Panel***

If the remote control no longer works or you have lost it, you can use controls on the panel of the LCD TV to:

- Switch on the TV when it is in Standby mode, select channels and select items on the on-screen menu. (∨ **C/P.** ⏻ ∧)
- Access the main menu. (**MENU**)
- Adjust the volume and select items on the on-screen menu. (**-** ◢ **+**)
- Switch among Video input modes and change confirmation in the menu. (**SOURCE** ⏎)

➢ ***Indicator***

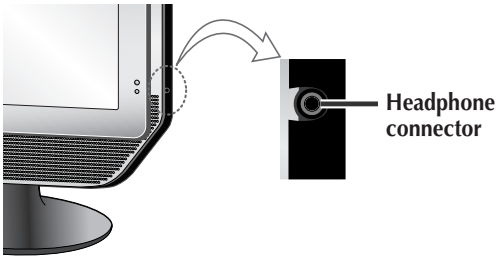
- **Standby Indicator(Client)** — Standby mode : Amber
  Standby + On Timer mode: Green
  POWER ON : None

  The Standby Indicator will flash while the battery is recharging. The Standby Indicator will remain lit when the battery is fully charged.
- **Wireless Signal Indicator** — Successful Connection: Green
  Unsuccessful Connection: Amber

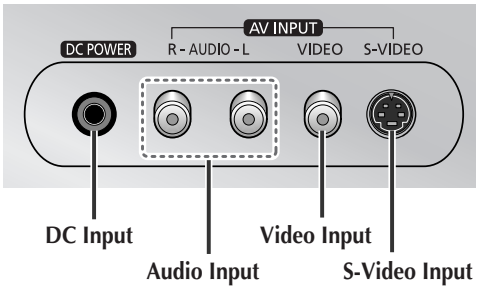
View of Your Television (continued)

Connection Panels

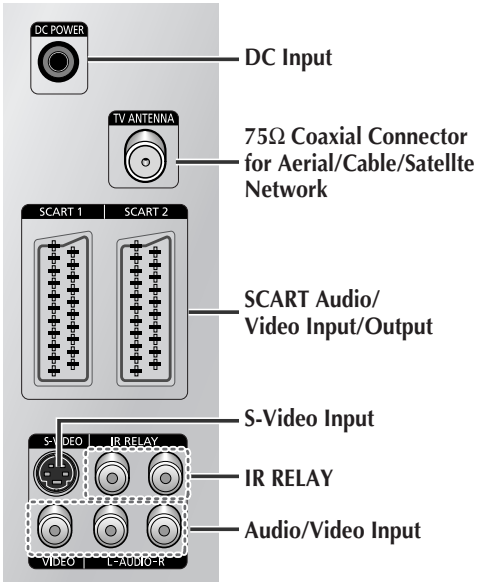
Side of the Client



Rear of the Client



Rear of the Base Station

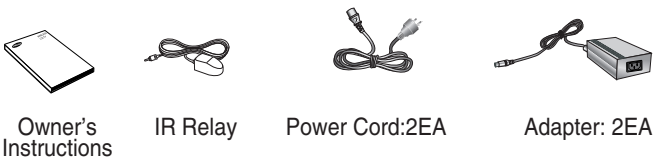


➢ For further details about connection, refer to pages 38~41.

☛ Whenever you connect an audio or video system to your television, ensure that all elements are switched off.

Refer to the documentation supplied with your equipment for detailed connection instructions and associated safety precautions.

Checking Parts



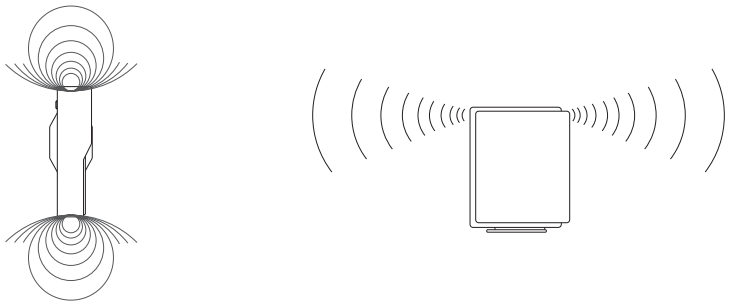
Owner's Instructions | IR Relay | Power Cord:2EA | Adapter: 2EA

Remote Control/ AAA Batteries | Base Station | Client | Battery

➢ Base Station has the same function as an adaptor for clients.

Notes on Base Station Installation

- **The wireless signal is transmitted/received from the front and back of the Base Station using an internal antenna.**
- **Depending on the installation location of the Base Station and the Client, the Video signal may be unstable if the communication conditions are unstable.**
- **Note on Wireless Communication and the Internal Antenna of the Base Station**



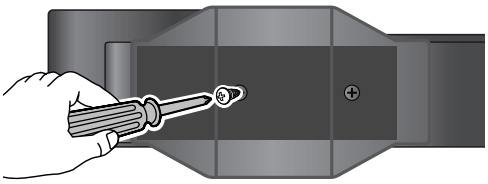
  - Weak communication levels might be found in the central area of both sides of the Base Station and their extension lines.

- **To Ensure Optimum Wireless Conditions**
  - Do not place metal objects, CDs, DVDs, or any metallic components near the Base Station.
  - Set the Base Station and Client apart from other connecting devices in order to clear the wireless communication area.
  - Avoid installation near a water tank, bathtub, and crowded areas.
  - Avoid installation near metal framework, furniture, or any other metal objects.
  - Do not use other wireless devices that are not required.
- **Checking Wireless Communication Levels & Signals**
  - You can check the communication level on the Client.
  - Press the INFO button on your remote control. Signal Strength is displayed. The longer the Signal Strength Bar, the better the communication level.
  - When the Wireless Signal Indicator on the Base Station is Amber, the communication has been cut. A Green light indicates successful communication.
  - Change the Bit Rate Setting and the Channel Setting if the communication level is low or unstable communication occurs (refer to page 33).

    ➢ The communication level is refreshed when the Base Station or the Client is moved.

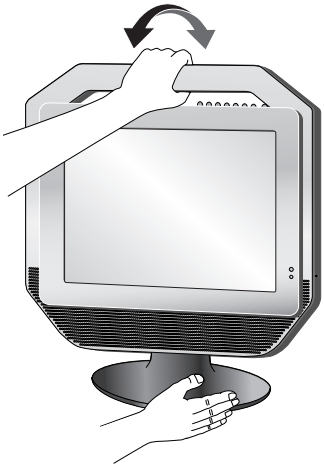
How to Install the Base Station

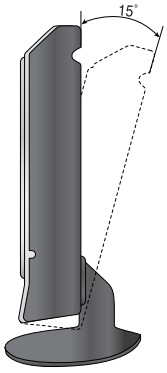
- ***The Base Station can be installed vertically or horizontally to best fit the installation location. Attach or detach the Stand to/from the Base Station using the screws on the bottom of the Base Station.***
- ***Do not use screws other than those provided. Save the screws for future use if you remove.***
- ***Do not place the Base Station on top of other devices. Do not stack other devices on top of the Base Station. Keep the ventilation holes open.***



Adjusting the Client Angle

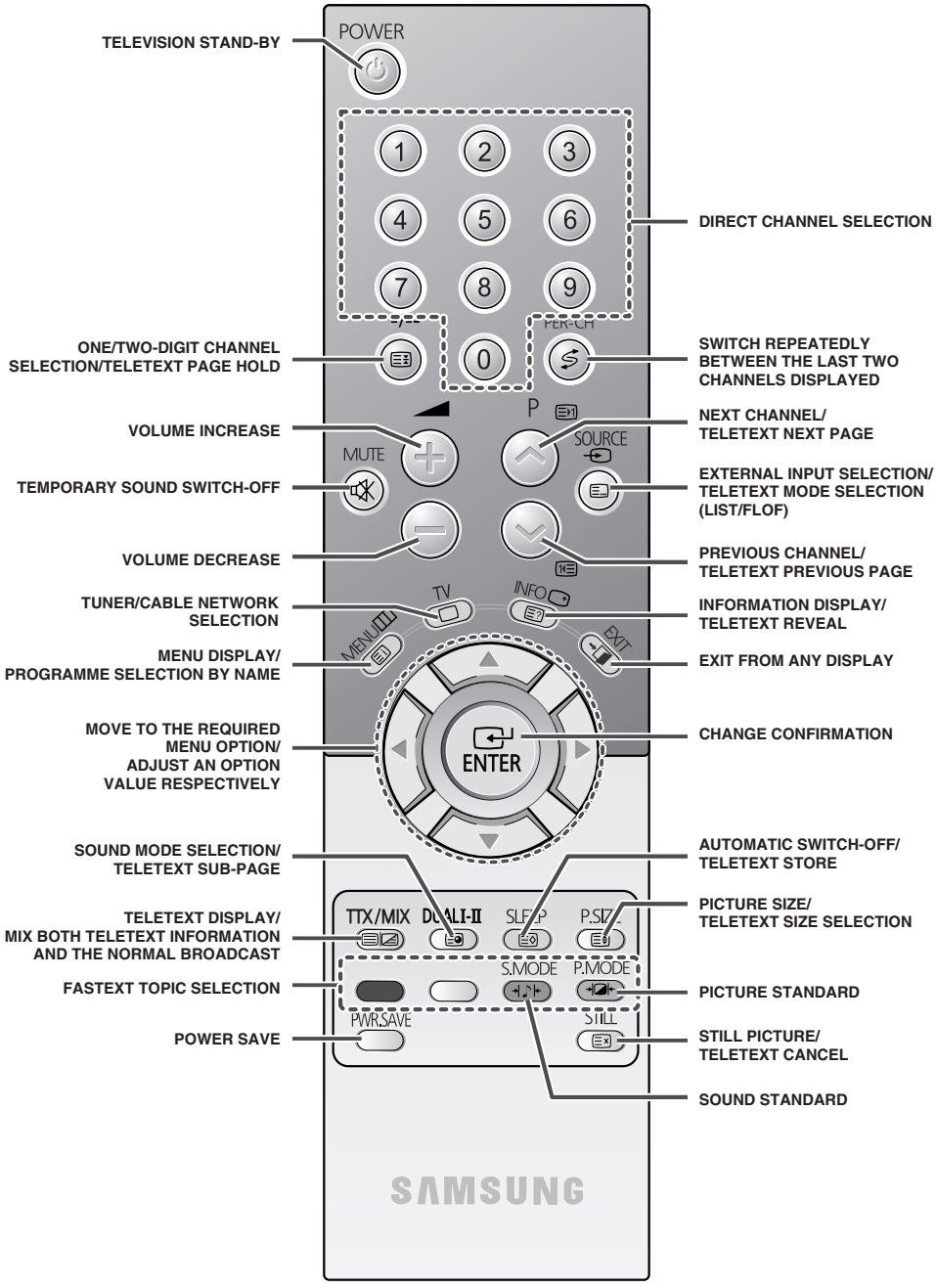
- ***The Client angle can be adjusted (back 15°).***
- ***While adjusting the client angle, hold on to the stand so that it does not move or lift up.***





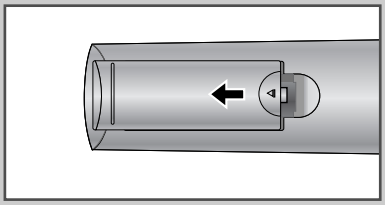
➢ Tilting more than 15 degrees might cause a fall, results in damage to the product.

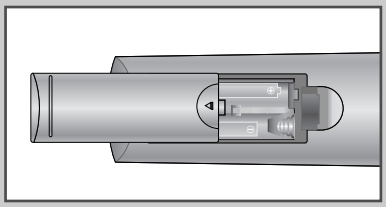
Infrared Remote Control

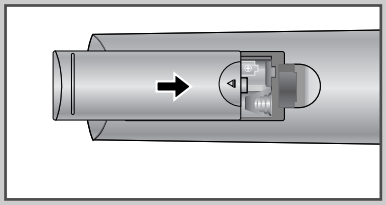


➢ *The performance of the remote control may be affected by bright light.*

Inserting the Batteries in the Remote Control







You must insert or replace the batteries in the remote control when you:

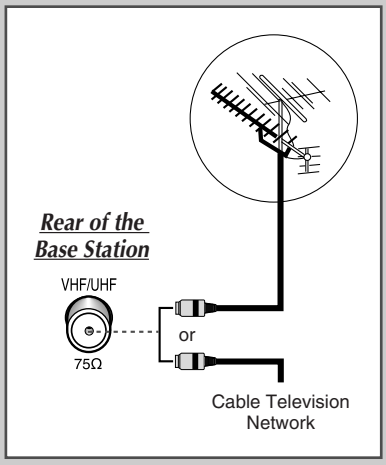
- ***Purchase the LCD TV***
- ***Find that the remote control is no longer operating correctly***

1 Remove the cover on the rear of the remote control by pressing the symbol (▼) downwards and then pulling firmly to remove it.

2 Insert two R03, UM4, "AAA" 1.5V or equivalent batteries taking care to respect the polarities:
- **–** on the battery against **–** on the remote control
- **+** on the battery against **+** on the remote control

3 Replace the cover by aligning it with the base of the remote control and pressing it back into place.

Connecting to an Aerial or Cable Television Network



To view television channels correctly, a signal must be received by the set from one of the following sources:

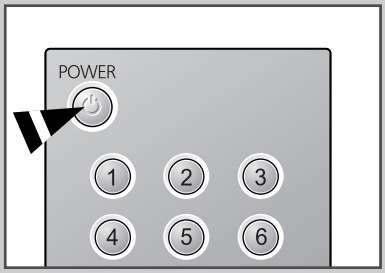
- ***An outdoor aerial***
- ***A cable television network***
- ***A satellite network***

1 In the first three cases, connect the aerial or network input cable to the 75Ω coaxial socket on the rear of the Base Station.

2 If you are using an indoor aerial, you may need to turn it when tuning your Base Station until you obtain a picture that is both sharp and clear.
For further details, refer to:
- "Storing Channels Automatically " on page 16
- "Storing Channels Manually" on page 18

Switching Your Television On and Off

The mains lead is attached to the rear of your Base Station.



1 Plug the mains lead into an appropriate socket.

➢ The main voltage is indicated on the rear of the Client/ Base Station and the frequency is 50 or 60Hz.

2 Press the "⏻" button (On/Off) on the Base Station.

3 Press the "⏻" button (On/Off) on the top panel of the Client or remote control.

Result: After pressing the **POWER** (◉) button, it takes about 15 seconds to secure the wireless connection and for the picture to appear. The Wireless Signal Indicator Lamp on the Base Station changes from Amber to Green.

➢ If you have not yet stored any channels, No clear picture appears. Refer to "Storing Channels Automatically" on page 16 or "Storing Channels Manually" on page 18.

4 To switch your Client/Base Station off, press the "⏻" button (On/Off) again.

Placing Your Television in Standby Mode

Your television can be placed in Standby mode, in order to reduce:

- ***Power consumption***

The Standby mode can be useful when you wish to interrupt viewing temporarily (during a meal, for example).

1 Press the **POWER** (⏻) button on the remote control.

Result: The screen is turned off and the Standby indicator on the front of the client lights up.

2 To switch the client back on, simply press the **POWER** (⏻) button again.

➢ You can also switch on by pressing the **P**∧/∨ or **Numeric** button(0 ~ 9).

☛ Do not leave your client in Standby mode for long periods of time (when you are away on holiday, for example). Turn your client off by pressing the "⏻" button (On/Off) on the front of the client. It is best to unplug the set from the mains and aerial.

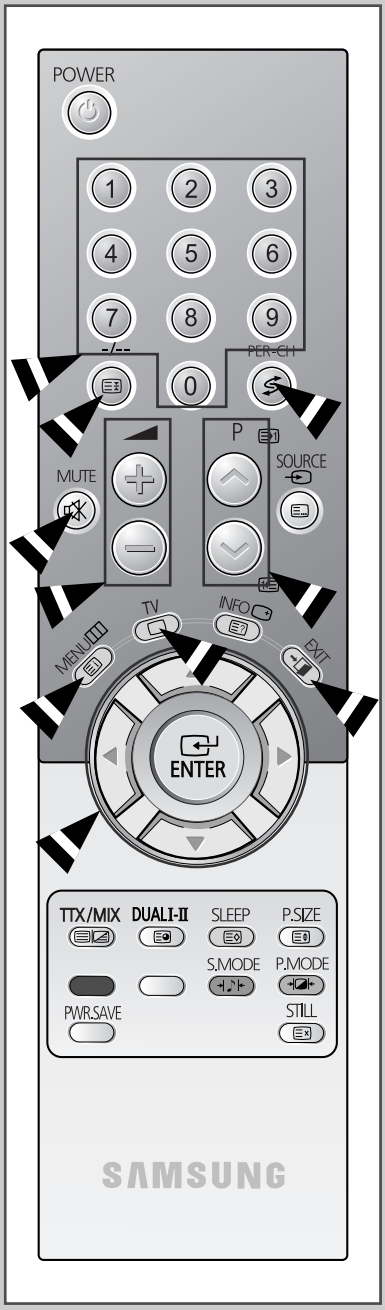
Becoming Familiar with the Remote Control

The remote control is used mainly to:

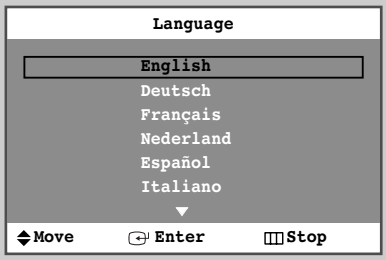
- ***Change channels and adjust the volume***
- ***Set up the client using the on-screen menu system***

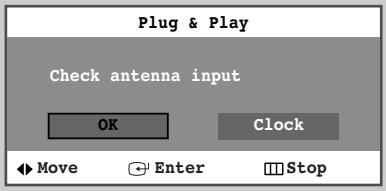
The following table presents the most frequently used buttons and their functions.

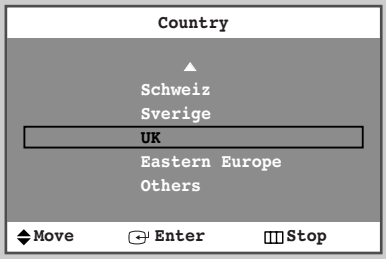
Button	Viewing Function	Menu Function
	Used to display the next stored channel.	–
	Used to display the previous stored channel.	–
0 to 9	Used to display the corresponding channels.	
-/--	Used to select a channel numbered ten or over. Press this button, and the "--" symbol is displayed. Enter the two-digit channel number.	
PRE-CH	Press the **PRE-CH** button. The TV will switch to the last channel viewed. To quickly switch between two channels that are far apart, tune to one channel, then use the number button to select second channel. Then, use the **PRE-CH** button to quickly alternate between them.	
	Used to increase the volume.	–
	Used to decrease the volume.	–
MUTE	Used to switch the sound off temporarily. ➢ To turn the sound back on, press this button again, or press the + or – button.	
MENU	Used to display the on-screen menu system.	Used to return to the previous menu or normal viewing.
	–	Used to: ◆ Display a submenu containing selections for the current menu option ◆ Increase/decrease a menu option value
ENTER	–	Used to confirm your choice.
EXIT	–	Used to exit from the menu system and return to normal viewing directly.
TV	Used to return the TV mode when it is in external input mode.	–

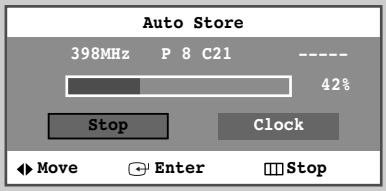


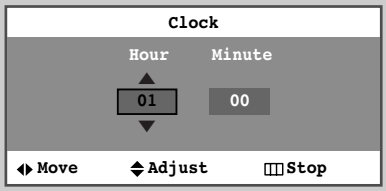
Plug & Play Feature











When the television is initially powered on, three basic customer settings proceed automatically and subsequently: setting the language, channel and clock.

1 If the client is in Standby mode, press the **POWER(⏻)** button on the remote control.

Result: The message **Plug & Play** is displayed. It flickers for one time and then **Language** menu is automatically displayed.

2 Select the appropriate language by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button to enter the language.

Result: The message **Check antenna input** is displayed.

➢ If any language is not selected on the **Language** menu, the **Language** menu will disappear about 30 seconds later.

3 Make sure that the antenna is connected to the TV. Press the **ENTER** (↵) button.

Result: The **Country** menu is displayed.

4 Select your country by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

Result: The **Auto Store** menu is displayed with the horizontal bar, and then channels are stored in an order which reflects their positions in the frequency range. Finally, the search will end automatically and the **Clock** menu will be displayed.

➢ Refer to “Storing Channels Automatically” on page 16.

5 Press the ◀ or ▶ button to move to the hour or minute. Set the hour or minute by pressing the ▼ or ▲ button.

➢ Refer to “Setting and Displaying the Current Time” on page 29.

6 When you have finished, press the **MENU** (▥) button.

Result: The message **Enjoy your watching.** is displayed and then the channel which has been stored will be activated.

7 **If you want to reset this feature...**

1 Press the **MENU** (▥) button.

2 Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button.

Result: The options available in the **Setup** group are displayed.

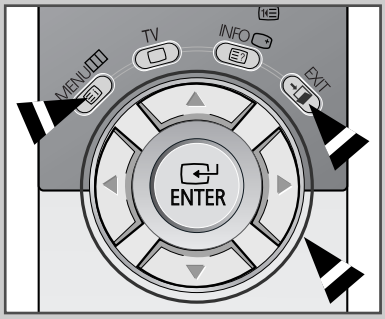
3 Press the ▼ or ▲ button to select **Plug & Play**. Press the **ENTER** (↵) button.

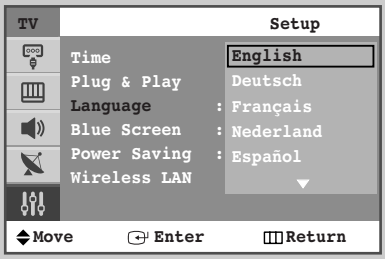
Result: This feature starts with the message **Plug & Play** is displayed.

Choosing Your Language

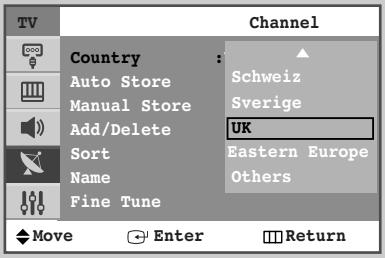
When you start using your television for the first time, you must select the language which will be used for displaying menus and indications.

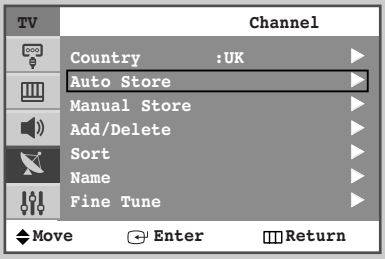
1	Press the **MENU** (▥) button. Result: The main menu is displayed.
2	Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button. Result: The options available in the **Setup** group are displayed.
3	Press the ▼ or ▲ button to select **Language**. Press the **ENTER** (↵) button.
4	Select the appropriate language by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button to confirm your choice.
5	Press the **EXIT (→▯)** button to exit.

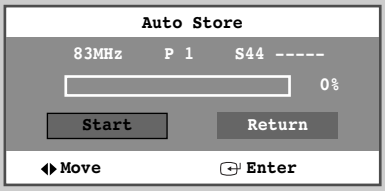


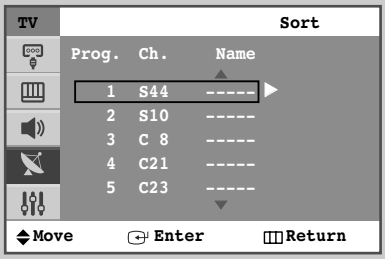


Storing Channels Automatically









You can scan for the frequency ranges available to you (and availability depends on your country). Automatically allocated programme numbers may not correspond to actual or desired programme numbers. However you can sort numbers manually and clear any channels you do not wish to watch.

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Channel**. Press the **ENTER** (↵) button.

Result: The options available in the **Channel** group are displayed.

3 Press the **ENTER** (↵) button again.

4 Select your country by pressing the ▼ or ▲ button. The countries are displayed in the following order: **Belgie - Deutschland - Espania - France - Italia - Nederland - Schweiz - Sverige - UK - Eastern Europe - Others**

5 Press the **ENTER** (↵) button to confirm your country selected.

6 Press the ▼ or ▲ button to select **Auto Store**. Press the **ENTER** (↵) button.

Result: The **Auto Store** menu is displayed with the horizontal bar.

7 Press the **ENTER** (↵) button to start the search.

Result: The channels are stored in an order which reflects their positions in the frequency range. Finally, the search will end automatically.

➢ To stop the search before it has finished, select **Stop** or **Return** by pressing the ◀ or ▶ button, then press the **ENTER** (↵) button.

8 When searching and storing are complete, the **Sort** menu is displayed.

- To sort the stored channels into the desired numerical order, go to Step **4** of the "Sorting the Stored Channels" procedure on page 17.
- To exit from the channel store function without sorting the channels, press the **EXIT (→▯)** button to exit.

9 When the channels have been stored, you can:

- Sort them in the order required (refer to page 17)
- Clear a channel (refer to page 20)
- Assign a name to the stored channels (refer to page 21)
- Fine tune channel reception if necessary (refer to page 22)

Sorting the Stored Channels

This operation allows you to change the programme numbers of stored channels. This operation may be necessary after using auto store. You can delete the channels you do not want to keep.

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Channel**. Press the **ENTER** (↵) button.

Result: The options available in the **Channel** group are displayed.

3 Press the ▼ or ▲ button to select **Sort**. Press the **ENTER** (↵) button.

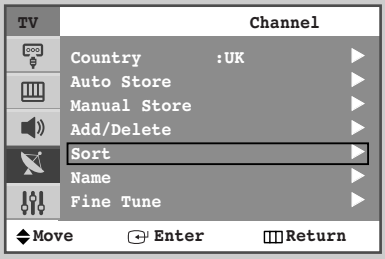
Result: The **Sort** menu is displayed.

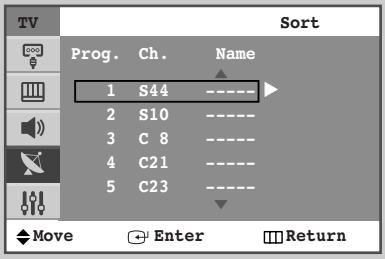
4 Select the channel that you wish to move by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

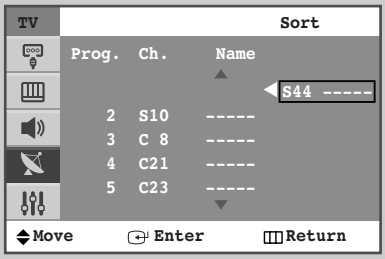
5 Select the number of the programme to which the channel is to be moved by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

Result: The channel is moved to its new position and all other channels are shifted accordingly.

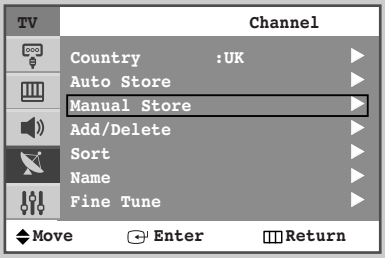
6 Press the **EXIT (→▯)** button to exit.

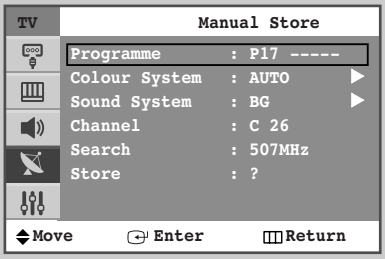


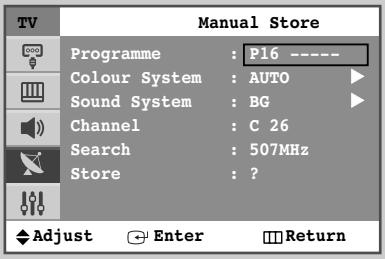


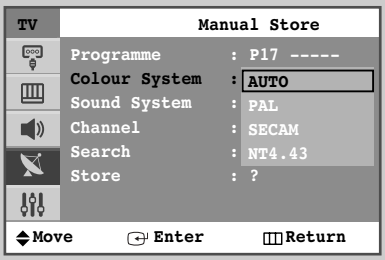


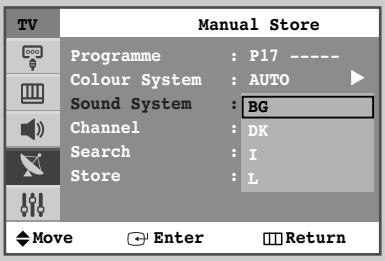
Storing Channels Manually











You can store up to 100 television channels, including those received via cable networks.

When storing channels manually, you can choose:

- ***Whether or not to store each of the channels found***
- ***The programme number of each stored channel which you wish to identify***

---

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

---

2 Press the ▼ or ▲ button to select **Channel**. Press the **ENTER** (↵) button.

Result: The options available in the **Channel** group are displayed.

---

3 Press the ▼ or ▲ button to select **Manual Store**. Press the **ENTER** (↵) button.

Result: The options available in the **Manual Store** group are displayed with **Programme** is selected.

---

4 Press the **ENTER** (↵) button.

---

5 To assign a programme number to a channel, press the ▼ or ▲ button. Press the **ENTER** (↵) button.

---

6 Press the ▼ or ▲ button to select **Colour System**. Press the **ENTER** (↵) button.

---

7 Press the ▼ or ▲ button to select the broadcasting standard. Press the **ENTER** (↵) button.

Result: The colour standards are displayed in the following order:
AUTO - PAL - SECAM - NT4.43

---

8 Press the ▼ or ▲ button to select **Sound System**. Press the **ENTER** (↵) button.

---

9 Press the ▼ or ▲ button to select the sound standards. Press the **ENTER** (↵) button.

Result: The sound standards are displayed in the following order:
BG - DK - I - L

Storing Channels Manually (continued)

10 If you know the number of the channel to be stored, see the following steps.

- Press the ▼ or ▲ button to select **Channel**.
- Press the **ENTER** (↵) button.
- Press the ▼ or ▲ button to select **C** (Air channel) or **S** (Cable channel).
- Press the ▶ button.
- Press the ▼ or ▲ button to select indicate the required number.
- Press the **ENTER** (↵) button.

  ➢ You can also select the channel number directly by pressing the numeric buttons (0~9).

➢ If no sound or abnormal sound, re-select the sound standard required.

11 If you do not know the channel numbers, see the following setps.

- Press the ▼ or ▲ button to select **Search**.
- Press the **ENTER** (↵) button.
- Press the ▼ or ▲ button to start the search.
- Press the **ENTER** (↵) button.

Result: The tuner scans the frequency range until the first channel or the channel that you selected is received on your screen.

12 To store the channel and associated programme number, select **Store** by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

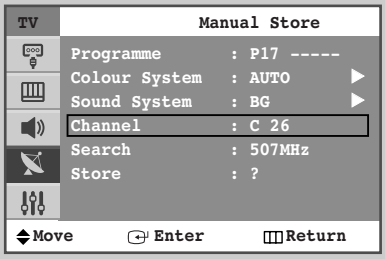
13 Press the ▼ or ▲ button to select **OK**. Press the **ENTER** (↵) button.

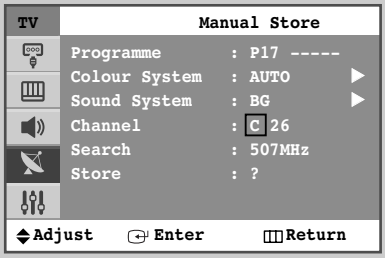
14 Repeat Steps **10** to **13** for each channel to be stored.

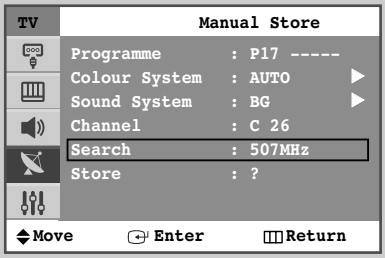
15 Press the **EXIT (→)** button to exit.

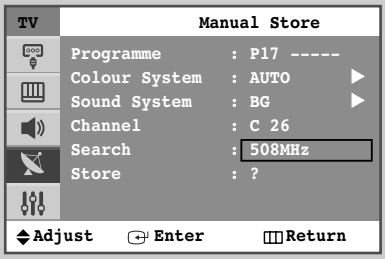
☛ ***Channel mode***

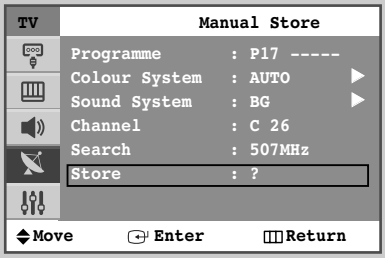
- **P** (Programme mode): When completing tuning, the broadcasting stations in your area have been assigned to position numbers from P00 to max P99. You can select a channel by entering the position number in this mode.
- **C** (Real channel mode): You can select a channel by entering the assigned number to each air broadcasting station in this mode.
- **S** (Cable channel mode): You can select a channel by entering the assigned number for each cable channel in this mode.

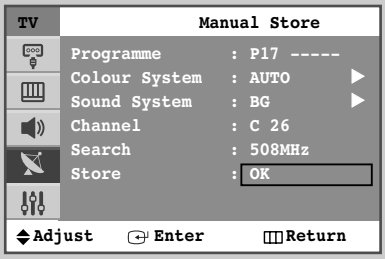




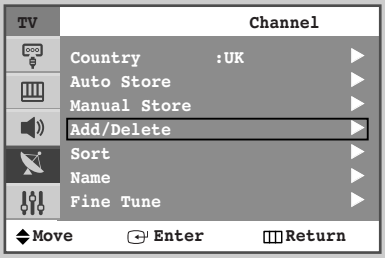


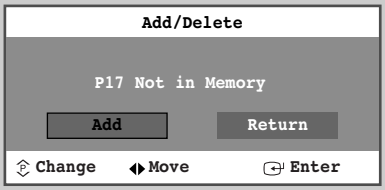


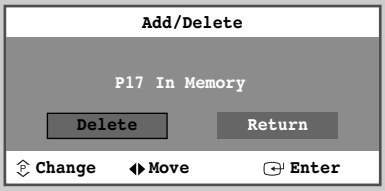




Skipping Unwanted Channels







You can exclude the channels you chosen from the channels you scanned. When you scan through the stored channels, those you have chosen to skip are not displayed.

All of the channels that you do not specifically choose to skip are displayed during scanning.

1	Press the **MENU** (▥) button. Result: The main menu is displayed.
2	Press the ▼ or ▲ button to select **Channel**. Press the **ENTER** (↵) button. Result: The options available in the **Channel** group are displayed.
3	Press the ▼ or ▲ button to select **Add/Delete**. Press the **ENTER** (↵) button. Result: The **Add/Delete** menu is displayed
4	Press the **P**∧ or ∨ button to select the channel to add or erase. If necessary, select **Add** or **Delete** by pressing the **ENTER** (↵) button.
5	Repeat Step **4** for each channel to be added or erased.
6	Press the **EXIT (→▯)** button to exit.

Assigning Names to Channels

Channel names will be assigned automatically when channel information is broadcast. These names can be changed, allowing you to assign new names.

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Channel**. Press the **ENTER** (↵) button.

Result: The options available in the **Channel** group are displayed.

3 Press the ▼ or ▲ button to select **Name**. Press the **ENTER** (↵) button.

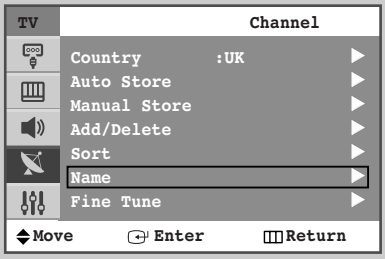
Result: The current channels are displayed.

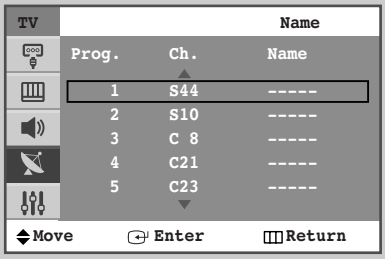
4 If necessary, select the channel to be assigned to a new name by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

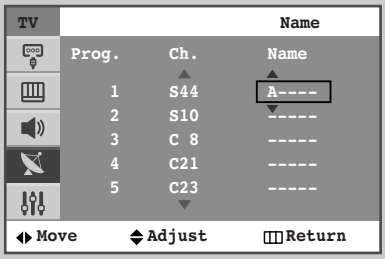
5 Press the ▼ or ▲ button to select a letter (A~Z), a number (0~9) or a symbol (-, space). Move on the previous or next letter by pressing the ◄ or ► button.

6 Repeat Steps **4** to **5** for each channel to be assigned to a new name.

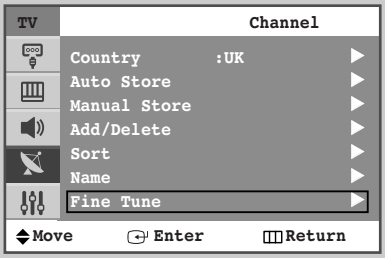
7 Press the **EXIT (→▯)** button to exit.

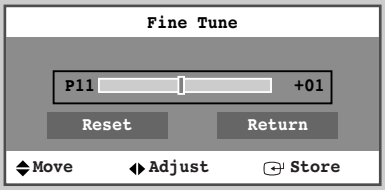


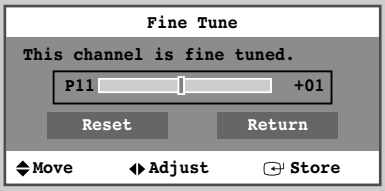


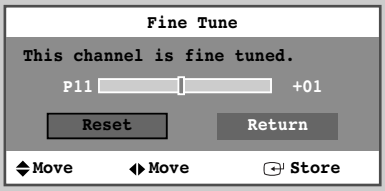


Fine Tuning Channel Reception









If the reception is clear, you do not have to fine tune the channel, as this is done automatically during the search and store operation. If the signal is weak or distorted, you may have to fine tune the channel manually.

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Channel**. Press the **ENTER** (↵) button.

Result: The options available in the **Channel** group are displayed.

3 Press the ▼ or ▲ button to select **Fine Tune**. Press the **ENTER** (↵) button.

Result: The horizontal bar is displayed.

4 To obtain a sharp and clear picture and good sound quality, press the ◀ or ▶ button.

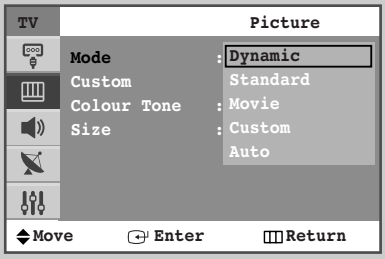
Result: Move the horizontal bar's cursor left or right by pressing the◀ or ▶ button.

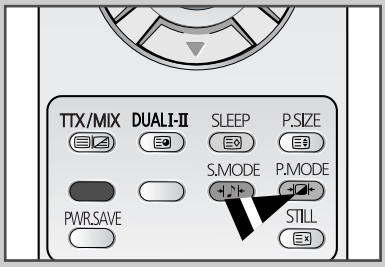
5 To memorise adjusted picture or sound, press the **ENTER** (↵) button. To reset adjusted picture or sound, select **Reset** by pressing the ▼ button. Press the **ENTER** (↵) button.

6 Press the **EXIT (→▯)** button to exit.

Changing the Picture Standard

You can select the type of picture which best corresponds to your viewing requirements.





1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Picture**. Press the **ENTER** (↵) button.

Result: The options available in the **Picture** group are displayed.

3 Press the **ENTER** (↵) button again.

4 Press the ▼ or ▲ button to select picture mode. Press the **ENTER** (↵) button

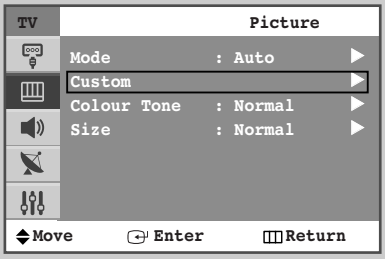
Result: The following picture modes are available:

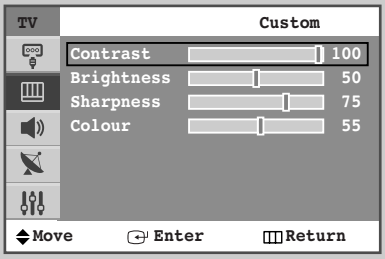
Dynamic - Standard - Movie - Custom- Auto

5 Press the **EXIT (→▯)** button to exit.

➢ You can also set these options simply by pressing the **P.MODE**(→◪←) button.

Adjusting the Picture Settings





Your television has several settings which allow you to control picture quality.

1 Press the **MENU** (▥) button.
Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Picture**. Press the **ENTER** (↵) button.
Result: The options available in the **Picture** group are displayed.

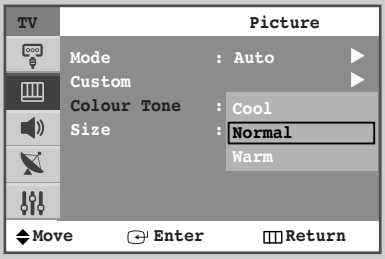
3 Press the ▼ or ▲ button to select **Custom**.
Press the **ENTER** (↵) button.
Result: The options available in the **Custom** group are displayed.

4 Press the ▼ or ▲ button to select the option (**Contrast, Brightness, Sharpness, Colour** or **Tint**-NTSC only) to be adjusted. Press the **ENTER** (↵) button.
Result: The horizontal bar is displayed. Move the horizontal bar's cursor left or right by pressing the ◄ or ► button.

5 Press the **EXIT (→▯)** button to exit.

➢ If you make any changes to these settings, the picture standard is automatically switched to **Custom**.

Changing the Colour Tone



1 Press the **MENU** (▥) button.
Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Picture**. Press the **ENTER** (↵) button.
Result: The options available in the **Picture** group are displayed.

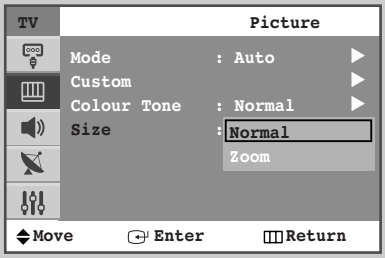
3 Press the ▼ or ▲ button to select **Colour Tone**. Press the **ENTER** (↵) button.

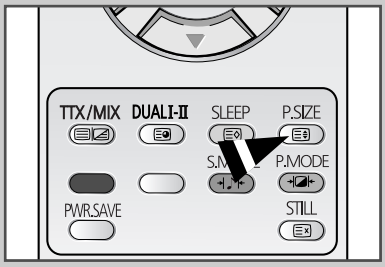
4 Press the ▼ or ▲ button to select the option (**Cool**, **Normal** or **Warm**). Press the **ENTER** (↵) button.

5 Press the **EXIT (→▯)** button to exit.

Selecting the Picture Size

You can select the picture size which best corresponds to your viewing requirements.





1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Picture**. Press the **ENTER** (↵) button.

Result: The options available in the **Picture** group are displayed.

3 Press the ▼ or ▲ button to select **Size**. Press the **ENTER** (↵) button.

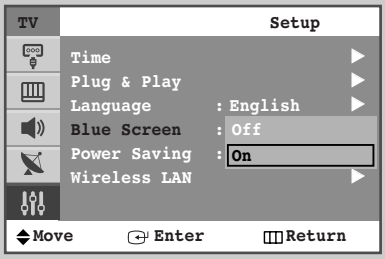
4 Press the ▼ or ▲ button to select the option (**Normal**, **Zoom**). Press the **ENTER** (↵) button.

5 Press the **EXIT (→▯)** button to exit.

➢ You can also set these options simply by pressing the **P.SIZE** (Picture Size) button.

Setting the Blue Screen

If no signal is being received or the signal is very weak, a blue screen automatically replaces the noisy picture background. If you wish to continue viewing the poor picture, you must set the "Blue Screen" mode to "Off".



1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button.

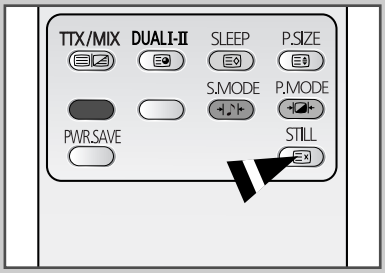
Result: The options available in the **Setup** group are displayed.

3 Press the ▼ or ▲ button to select **Blue Screen**. Press the **ENTER** (↵) button.

4 To activate this feature, select **On** by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

5 Press the **EXIT (→▯)** button to exit.

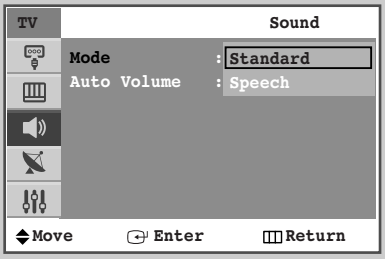
Freezing the Current Picture

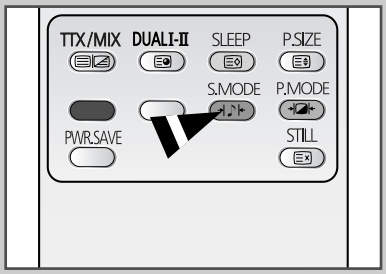


You can freeze the picture when watching a television programme simply by pressing the "STILL" button.

➢ To return to normal viewing, press this button again.

Changing the Sound Standard





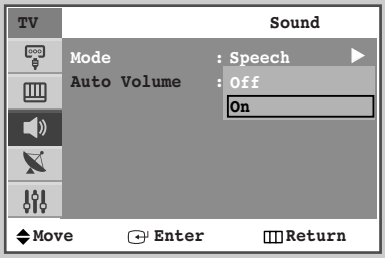
You can select the type of special sound effect to be used when watching a given broadcast.

1	Press the **MENU** (▥) button.	
	Result:	The main menu is displayed.
2	Press the ▼ or ▲ button to select **Sound**. Press the **ENTER** (↵) button.	
	Result:	The options available in the **Sound** group are displayed.
3	Press the **ENTER** (↵) button again.	
4	Press the ▼ or ▲ button to select sound mode. Press the **ENTER** (↵) button	
	Result:	The following sound modes are available: **Standard - Speech**.
5	Press the **EXIT (→▯)** button to exit.	

➢ You can also set these options simply by pressing the **S.MODE**(♪) button.

Selecting the Auto Volume

Each broadcasting station has its own signal conditions, and so it is not easy for you to adjust the volume every time the channel is changed. This feature lets you automatically adjust the volume of the desired channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.



1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Sound**. Press the **ENTER** (↵) button.

Result: The options available in the **Sound** group are displayed.

3 Press the ▼ or ▲ button to select **Auto Volume**. Press the **ENTER** (↵) button.

4 To activate this feature, select **On** by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

5 Press the **EXIT (→▯)** button to exit.

Selecting the Sound Mode

The "DUAL I-II" button displays/controls the processing and output of the audio signal. When power is switched on, the mode is automatically preset to either "Dual-I " or "Stereo", depending on the current transmission.

	Type of broadcast	On-screen indication
NICAM Stereo	Regular broadcast (Standard audio)	**MONO** (Normal use)
	Regular + NICAM Mono	**MONO** ↔ **MONO** **NICAM** (Normal)
	NICAM Stereo	**STEREO** ↔ **MONO** **NICAM** (Normal)
	NICAM Dual-I/II	**DUAL-I** → **DUAL-II** → **MONO** **NICAM** **NICAM** (Normal)
A2 Stereo	Regular broadcast (Standard audio)	**MONO** (Normal use)
	Bilingual or Dual-I/II	**DUAL-I** ↔ **DUAL-II**
	Stereo	**STEREO** ↔ **MONO** (Forced mono)

- If the receiving conditions deteriorate, listening will be easier if the mode is set to the **MONO**.
- If the stereo signal is weak and an automatic switching occurs, then switch to the **MONO**.
- When receiving a mono sound in the AV mode, connect to the "AUDIO-L" input connector on the panel (rear). If the mono sound comes out only from left speaker, press the **DUAL I-II** button.

Setting and Displaying the Current Time

You can set the television's clock so that the current time is displayed by pressing the "INFO (▭)" button. You must also set the time if you wish to use the automatic on or off timers.

➢ When the client unplug from the mains and aerial, the clock setting will be reset.

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button.

Result: The options available in the **Setup** group are displayed.

3 Press the **ENTER** (↵) button again.

Result: The options available in the **Time** group are displayed with **Clock** is selected.

4 Press the **ENTER** (↵) button again.

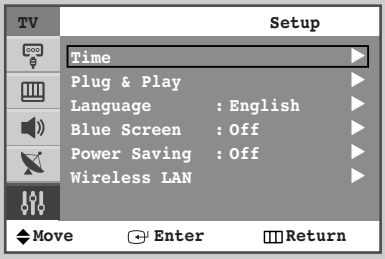
Result: The **Hour** is selected.

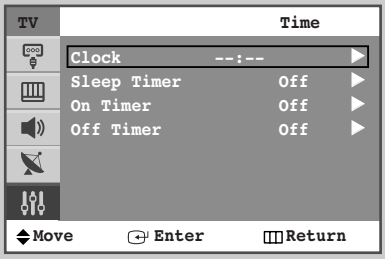
5 Press the ◀ or ▶ button to move to the **hour** or **Minute**. Set the hour or minute by pressing the ▼ or ▲ button.

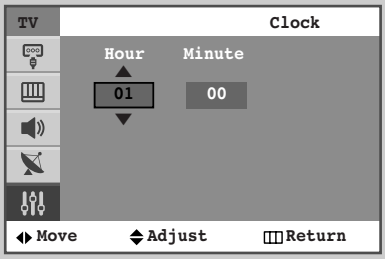
6 When you have finished, press the **EXIT** (→▯) button to exit.

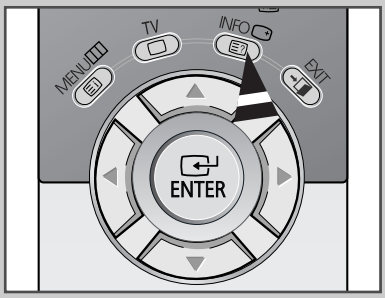
7

To...	Press the "INFO (▭)" button...
display the channel information	Once.
remove the display	Twice.

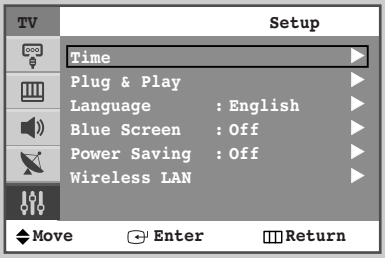


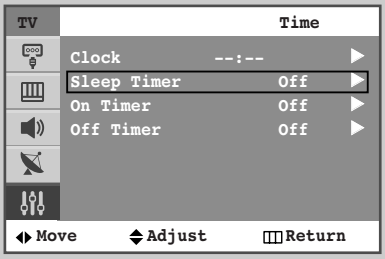


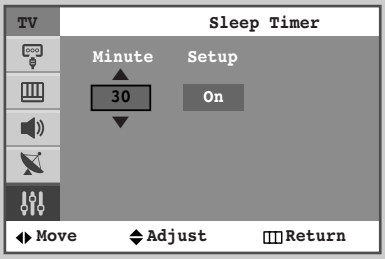


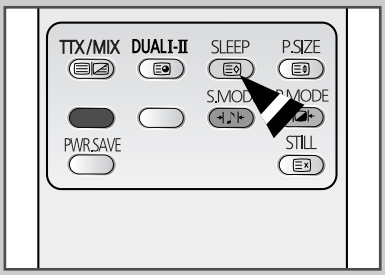


Setting the Sleep Timer









You can select a time period of between 30 and 180 minutes after the Wireless LCD TV automatically switches to Standby mode.

1	Press the **MENU** (▥) button. Result:	The main menu is displayed.
2	Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button. Result:	The options available in the **Setup** group are displayed.
3	Press the **ENTER** (↵) button again. Result:	The options available in the **Time** group are displayed.
4	Press the ▼ or ▲ button to select **Sleep Timer**. Press the **ENTER** (↵) button. Result:	The **Minute** is selected.
5	Set the minute by pressing the ▼ or ▲ button.	
6	Press the ▶ button to move to the **Setup**. Set the **On** or **Off** by pressing the ▼ or ▲ button.	
7	Press the **EXIT (→▯)** button to exit.	

➢ You can also set these options simply by pressing the **SLEEP** button.

- Press the **SLEEP** button repeatedly and cycle throngh the preset time interals(30, 60, 90, 120, 150, 180 or Off)
- The Television automatically switches to standby mode when the timer reaches 0.
- To cancel the sleep timer feature, press the **SLEEP** button repeatedly and select **Off**.

Switching the Television On and Off Automatically

You can set the On/Off timers so that the television will:

- ***Switch on automatically and tune to the channel of your choice at the time you select***
- ***Switch off automatically at the time you select***

➢ The first step is to set the television's clock (refer to "Setting and Displaying the Current Time" on the 29 page).

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button.

Result: The options available in the **Setup** group are displayed.

3 Press the **ENTER** (↵) button again.

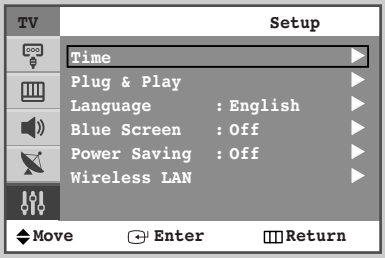
Result: The options available in the **Time** group are displayed.

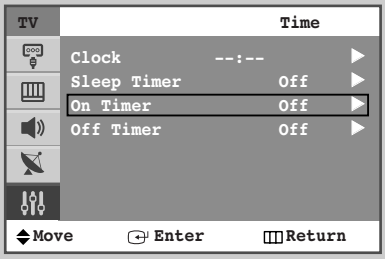
4 Press the ▼ or ▲ button to select **On Timer**. Press the **ENTER** (↵) button. Set the time at which you wish the television to be switched on automatically.

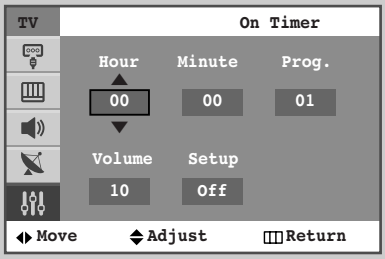
- Press the ◄ or ► button to move to the **Hour**, **Minute**, **Prog.**, **Volume** or **Setup**. Set these by pressing the ▼ or ▲ button.

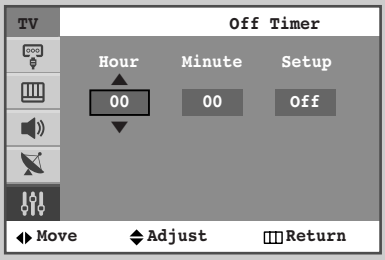
5 When you have finished, press the **MENU** (▥) button to exit.

6 Press the ▼ or ▲ button to select **Off Timer**. In the same above, set the time at which you wish the television to be switched off automatically.

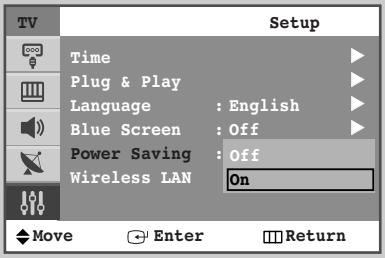


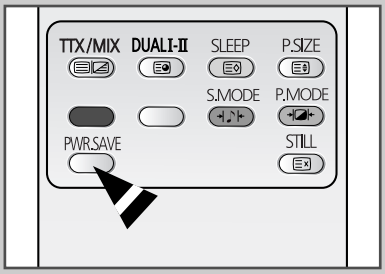






Selecting the Power Saving



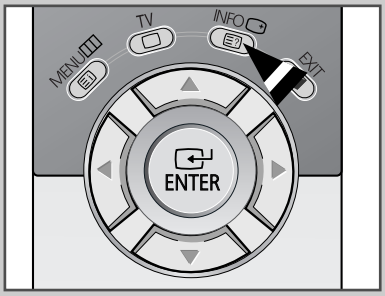


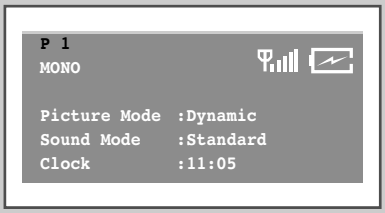
The Power Saving mode reduces power consumption during use. While in Power Saving mode, the screen is slightly darker. If Power Saving has been turned On, the setting will remain until the Power is turned Off.

1	Press the **MENU** (▥) button. Result: The main menu is displayed.
2	Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button. Result: The options available in the **Setup** group are displayed.
3	Press the ▼ or ▲ button to select **Power Saving**. Press the **ENTER** (↵) button.
4	To activate this feature, select **On** by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.
5	Press the **EXIT (→▯)** button to exit.

➢ You can also set these options simply by pressing the **PWR.SAVE** button.

Displaying Information





You can view the channel information, wireless signal strength( ), charge of battery(FULL) and setting status you select by pressing the "INFO (▭)" button on the remote control.

➢ "▭" is displayed when power is supplied by using not a battery but a power cord.

Setting the Wireless LAN

Adjust the Bit Rate for Signal Types and the Distance from the Base Station to the Client settings. If the video or the audio signal is intermittent or you experience interference, choose another channel.

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the ▼ or ▲ button to select **Setup**. Press the **ENTER** (↵) button.

Result: The options available in the **Setup** group are displayed.

3 Press the ▼ or ▲ button to select **Wireless LAN**. Press the **ENTER** (↵) button.

Result: The options available in the **Wireless LAN** group are displayed.

Extending the Communication Distance

4 Press the **ENTER** (↵) button again to select **Bit Rate**.

5 Press the ▼ or ▲ button to select the option (**High**, **Mid** or **Low**). Press the **ENTER** (↵) button.

➢ Select High for higher video quality. This setting will decrease the communication distance. Select Low for lower video quality but increased communication distance.

Intermittent Video/Audio Signal or Communication Interference (Channel Setting)

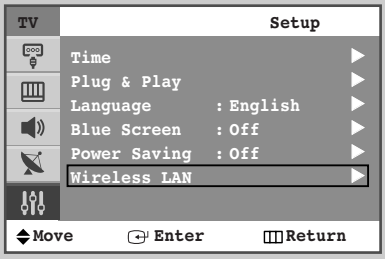
6 Press the ▼ or ▲ button to select **Channel**. Press the **ENTER** (↵) button.

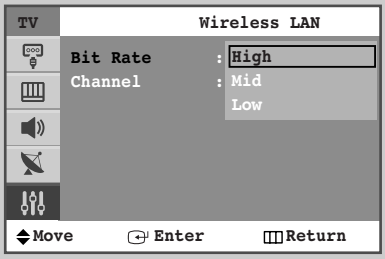
7 Press the ▼ or ▲ button to select the option (**Auto**, **1**, **2**, **3**, or **4**). Press the **ENTER** (↵) button.

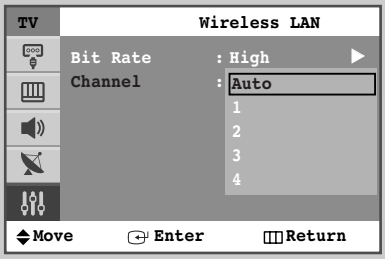
➢ **Auto** : Prior to purchase, the product is setup to find the best channel for Wireless Communication. When you move the Client or the Base Station, be sure to set the channel to **Auto**.

1 ~ 4 : If the video stops or the audio is interrupted it means the frequency band used between the Base Station and the Client is experiencing interference. Change the channel setting to find a channel without interference. Other devices in a nearby home or office may be causing the interruption. There may be times when all channels are occupied by other devices.

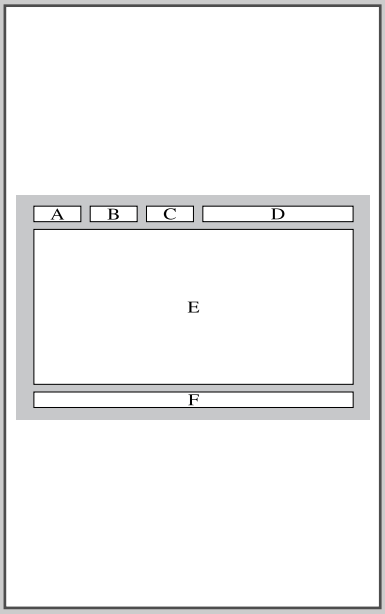
8 Press the **EXIT (→▯)** button to exit.







Teletext Feature



Most television channels provide written information services via teletext. Information provided includes:

- ***Television programme times***
- ***News bulletins and weather forecasts***
- ***Sports results***
- ***Travel information***

This information is divided into numbered pages (see diagram).

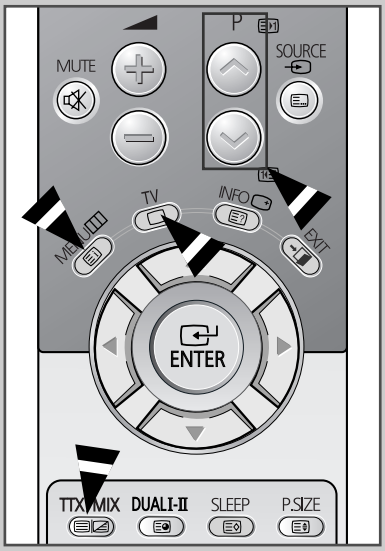
Part	Contents
A	Selected page number.
B	Broadcasting channel identity.
C	Current page number or search indications.
D	Date and time.
E	Text.
F	Status information. FASTEXT information.

➢ It can be diffrent from depending on TTX source.

➢ Teletext information is often divided between several pages displayed in sequence, which can be accessed by:

- Entering the page number
- Selecting a title in a list
- Selecting a coloured heading (FASTEXT system)

Displaying the Teletext Information



You can display Teletext information at any time on your television.

☛ For Teletext information to be displayed correctly, channel reception must be stable; otherwise:

- Information may be missing
- Some pages may not be displayed

1	Select the channel providing the Teletext service using the ◯ or ◯ button.
2	Press the **TTX/MIX** (▤/◪) button to activate the teletext mode. Result: The contents page is displayed. It can be redisplayed at any time by pressing the ▤ (index) button.
3	If you wish to display the actual broadcast at the same time as the teletext page, press the **TTX/MIX** (▤/◪) button again.
4	Press the **TV** (▭) button to exit from the teletext display.

Selecting a Page by Number

You can enter the page number directly by pressing the numeric buttons on the remote control.

1 Enter the three-digit page number given in the content by pressing the corresponding numeric buttons.

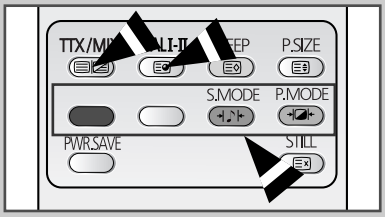
Result: The current page counter is incremented and the page is then displayed.

2 If the selected page is linked with several secondary pages, the secondary pages are displayed in sequence. To freeze the display on a given page, press the (hold). Press the (hold) again to resume.

Using the various display options:

To display...	Press the...
◆ Both teletext information and the normal broadcast	**TTX/MIX** (/) twice
◆ Hidden text (answers to quiz games, for example)	(reveal)
◆ The normal screen	(reveal) again
◆ A secondary page, by entering its 4-digit number	(sub-page)
◆ The next page	(page up)
◆ The previous page	(page down)
◆ Double-size letters in the: • Upper half of the screen • Lower half of the screen	(size) • Once • Twice
◆ Normal screen	• Three times

Using FLOF to Select a Page



The various topics included in the teletext pages are color-coded, and can be selected by pressing the colored buttons on the remote control.

1 Display the teletext contents page by pressing the **TTX/MIX** (▤/▤) button.

2 Press the coloured button corresponding to the topic that you wish to select the available topics are given on the status line.

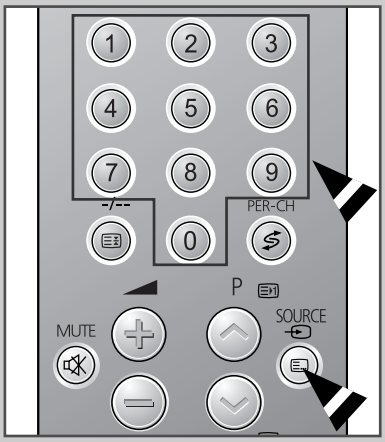
Result: The page is displayed with other coloured information that can be selected in the same way.

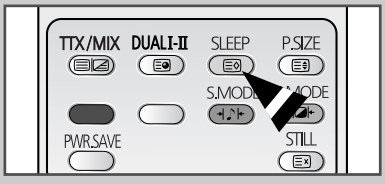
3 To display the previous or next page, press the corresponding coloured button.

4 To display the subpage, see the following steps.

- Press the ▤ (sub-page) button.
  Result: The available subpages appear.
- Select the required sub-page. Sub-pages can be scrolled by using the **RED** or **GREEN** button.

Storing Teletext Pages





You can store up to four teletext pages to display them later at leisure.

1 Select the LIST mode using the ▤ button.

Result: Four 3-digit numbers are displayed in different colours.

➢ The ▤ button is used to switch between the LIST and FLOF modes.

2 Press the coloured button corresponding to the page that will be replaced.

3 Enter the new page number using the numeric buttons.

4 Repeat steps **2** and **3** for each page to be stored, using a different coloured button each time.

5 Press the ▤ (store) button until the corresponding blocks blink.

Viewing an External Signal Source

Use the remote control to switch between viewing signal from connected equipment, such as VCR, DVD, Set-Top-boxs and the TV source (broadcast or cable).

1 Press the **MENU** (▥) button.

Result: The main menu is displayed.

2 Press the **ENTER** (↵) button to select **Input**.

Result: The options available in the **Input** group are displayed.

3 Press the **ENTER** (↵) button again to select **Source List**.

Result: The options available in the **Source List** group are displayed.

4 Press the ▼ or ▲ button to select signal source, then press the **ENTER** (↵) button

➢ When you connect equipment to the TV, you can choose between the following sets of jacks: **AV1**, **AV2**, **AV3** or **S-Video** on the Base Station rear panel, and **AV4L** or **S-VideoL** on the Client's rear panel.

➢ You can also set these options simply by pressing the **SOURCE** (⇆) button.

5 Press the **MENU** (▥) button again. Press the **ENTER** (↵) button to select **Input**.

Result: The options available in the **Input** group are displayed.

6 Press the ▼ or ▲ button to select **Edit Name**. Press the **ENTER** (↵) button.

Result: The options available in the **Edit Name** group are displayed.

7 Press the ▼ or ▲ button to select the edited external source. Press the **ENTER** (↵) button.

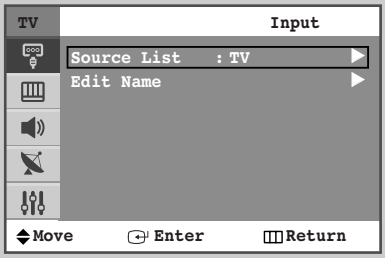
Result: The device names available are listed.
VCR- DVD - Cable STB - HD STB - Satellite STB - AV Receiver - DVD Receiver - Game - Camcorder - DVD Combo - DHR(DVD HDD Recorder) - PC

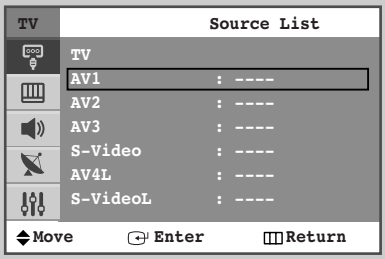
8 Select the required device by pressing the ▼ or ▲ button. Press the **ENTER** (↵) button.

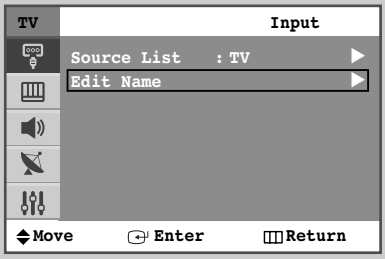
9 Set other signal sources using the same method as listed above.

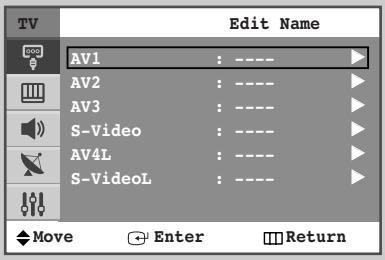
➢ You can also set these options simply by pressing the **SOURCE** (⇆) button. If you change the external source while viewing, pictures might take a short period of time to be switched.

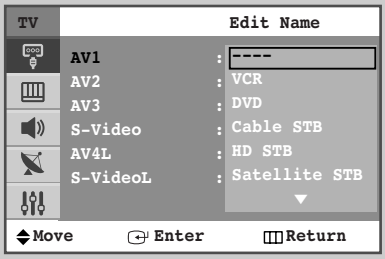
➢ To watch television programmes again, press the **TV**(▭) button and select the number of the channel required.

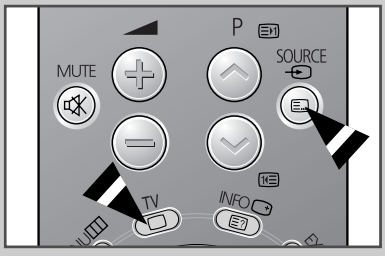








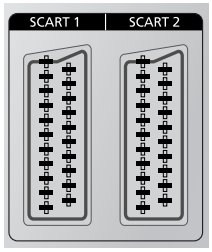


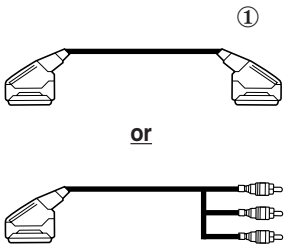


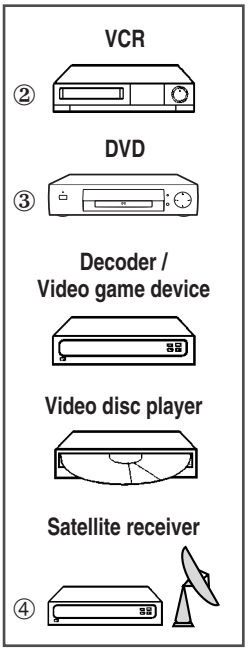
Connecting to the External Input/Outputs

➢ "⇥1" is used for the equipment with an RGB output, such as video game devices or video disc players.

Rear of the Base Station







① This end can be fitted with:
- A SCART connector
- Three RCA connectors (Video + Audio-L and R)

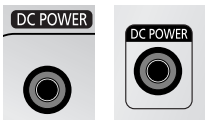
② If you have a second VCR and wish to copy cassettes tape, connect the source VCR to "⇥1" and the target VCR to "⇥2" so that you can redirect the signal from "⇥1" to "⇥2".

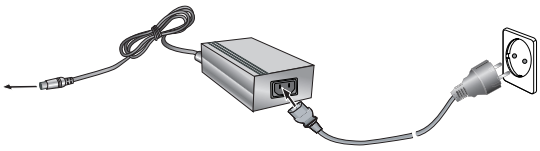
③ If you have a decoder, connect the decoder to the VCR and the VCR to the television.

④ When you wish to record a programme, connect the receiver to "⇥1" and the VCR to "⇥2" so that you can redirect the signal from "⇥1" to "⇥2".

DC Input Jack Power Cable

Rear of the Client/ Base Station

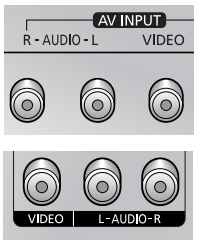


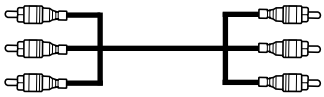


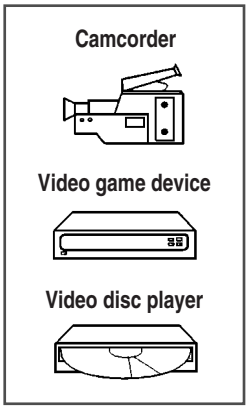
Connecting to the RCA Input

➢ The RCA (VIDEO and AUDIO-L+R) connectors are used for equipment, such as camcorders, video disc players, and some video game devices.

Rear of the Client/ Base Station



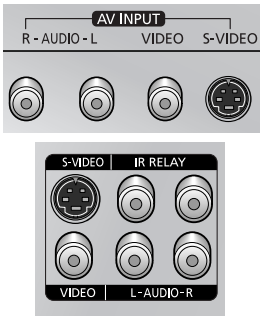


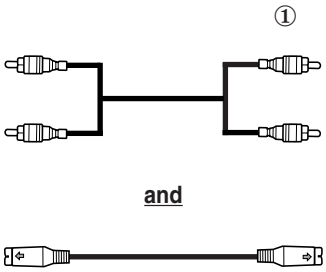


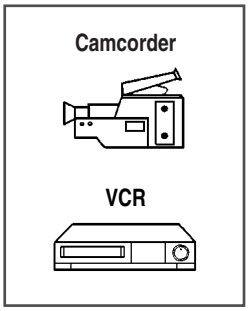
Connecting to the S-Video Input

➢ The S-VIDEO and RCA (AUDIO-L+R) connectors are used for equipment with an S-Video output, such as a camcorder or VCR.

Rear of the Client/ Base Station







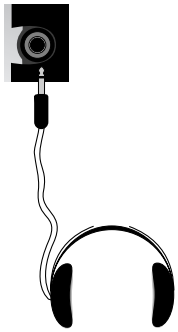
① To play pictures and sound, both the S-VIDEO and RCA connectors must be used.

➢ When both the side AV and rear connectors are connected to external equipments, the side AV receives priority.

☛ Whenever you connect an audio or video system to your television, ensure that all elements are switched off. Refer to the documentation supplied with your equipment for detailed connection instructions and associated safety precautions.

Connecting Headphones

Side of the Client



You can connect a set of headphones to your television if you wish to watch a television programme without disturbing the other people in the room.

1 Plug a set of headphones into the 3.5 mm mini-jack socket of the television.

Result: The sound is heard through the headphones.

2 When you wish to hear the sound through the speakers again, simply disconnect the headphones.

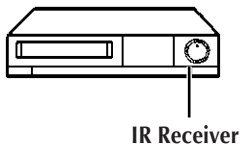
➢ Prolonged use of headphones at a high volume may damage your hearing.

Connecting to the IR Relay

➢ You may control your DVD, VCR and other electronic devices through the IR Relay Controller. (Works only with Samsung products)

Rear of the Base Station

VCR

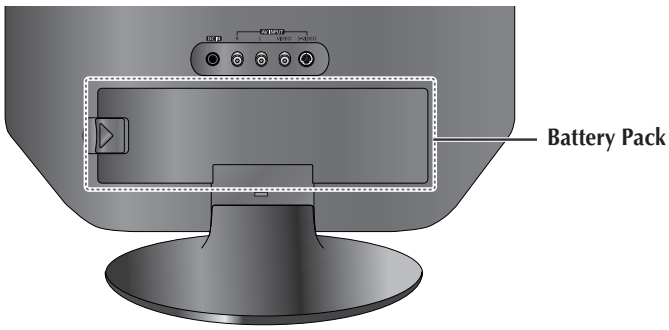


① Setup the IR Relay Controller so that its IR transmitter is placed right on top of the IR receiver on the VCR, DVD or other device.

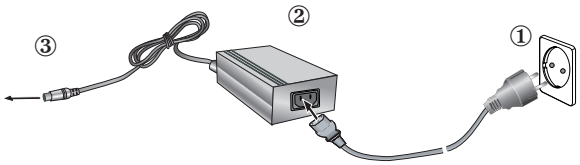
② Use the remote control of the connected device, aiming it toward the client's receiver.

Connecting the Power Adapter and Recharging the Battery Pack

- The Battery Pack is recharged using the adapter. Properly mount the Battery Pack before recharging.
- When the Power Adapter is connected, the Battery Pack is not required for playback.



Rear of the Client



① Plug the AC power cord into a wall outlet.
② Plug the AC cord into the adapter jack.
③ Plug the DC cord from the Adapter into the DC power jack on the LCD TV.

- While the battery recharges, the Standby Indicator will flash (Standby: Amber, Standby + On Timer: Green).
- When the recharging has finished, the Standby Indicator is continuously lit.
- You can check the Battery Power remaining using the Battery Indicators.

: Full Power
: 20% ~ 40% less than full
: 40% ~ 80% less than full
: Over 95% less than full

(When Low Battery warning appears( )start flickering), the client will soon turn off. Please recharge the Battery Pack.)

Using the Battery Pack

- ***Fully discharge the Battery Pack before recharging to prolong the lifetime of the Battery Pack.***
- ***The Battery Pack might be hot during use or recharging. This is normal, not a defect of the Battery Pack.***
- ***Properly mount the Battery Pack to avoid any problems.***
- ***Charging the battery in a cold environment may require more time.***
- ***Playback duration is affected by the ambient temperature, the battery's condition and the speaker volume level. Battery power is consumed more rapidly in low temperatures.***
- ***Time Required for Recharging :*** *Stand By Charging : about 3hours 30minutes*
  TV-On Charging : about 6hours
- ***Usage Time for a Charged Battery Pack :*** *Power Save Off : about 2hours 30minutes*
  Power Save On : about 3hours

Cautions on Storing and Using the Battery Pack

- ***Do not use or store the Battery Pack for prolonged periods of time in temperatures under 0°C or above 40°C. Battery life will be decreased.***
- ***The Battery Pack is dead or dying if when fully recharged it is exhausted in a significantly shorter period of time compared to when it was new. Purchase a new Battery Pack.***
- ***Store the battery pack separately from the client after recharging.***

SCART Connector Wiring (EXT1, EXT2 or EXT3)

If you wish to connect other equipment via the SCART connectors on your television, contact your dealer or a qualified technician to wire the A/V cable as illustrated below.

Pin	Signal
1	Audio output R
2	Audio input R
3	Audio output L
4	Audio chassis return
5	Video chassis return (RGB blue)
6	Audio input L
7	RGB blue input
8	Switching voltage
9	Video chassis return (RGB green)
10	AV-Link (Ext 1)
11	RGB green input

Pin	Signal
12	-
13	Video chassis return (RGB red)
14	-
15	RGB red input
16	Blanking signal (RGB switching)
17	Video chassis return
18	Blanking signal ground
19	Video output
20	Video input
21	Screening/chassis return

➢ Pins 5, 7, 9, 11, 13, 15 and 16 are used for RGB processing and are only wired on the EXT1 or EXT3 connector.

Troubleshooting: Before Contacting Service Personnel

Before contacting Samsung after-sales service, perform the following simple checks.

If you cannot solve the problem using the instructions below, note the model and serial number of the television and contact your local dealer.

No sound or picture	◆ Check that the mains lead has been connected to a wall socket. ◆ Check that you have pressed the "⏻" button (On/Off) and the **POWER** (⏻) button. ◆ Check the picture contrast and brightness settings. ◆ Check the volume.
Normal picture but no sound	◆ Check the volume. ◆ Check whether the **MUTE** (🔇) button on the remote control has been pressed.
No picture or black and white picture	◆ Adjust the colour settings. ◆ Check that the broadcast system selected is correct.
Sound and picture interference	◆ Try to identify the electrical appliance that is affecting the television, then move it further away. ◆ Plug your television into a different mains socket.
Blurred or snowy picture, distorted sound	◆ Check the direction, location and connections of your aerial. This interference often occurs due to the use of an indoor aerial.
Remote control malfunctions	◆ Replace the remote control batteries. ◆ Clean the upper edge of the remote control (transmission window). ◆ Check the battery terminals.
Wireless communication has interference; video stops or audio is interrupted.	◆ Wireless communication might be interrupted when someone passes through the signal path during communication. Interference or a total halt of the Audio / Video signal may occur in this circumstance. Such a temporal event is not a defect of the product. ◆ Be sure that there is no obstacle preventing communication between the Base Station and the Client. (Refer to page 7) ◆ Try resetting the Bit Rate setting of the Wireless LAN or the Channel setting again. (Refer to page 33)

Technical and Environmental Specifications

Model	LW15B13C
Panel	
Size	15” Diagonal
Display Size	304.1(H) x 228.1(V) mm
Type	a-si TFT active matrix
Pixel Pitch	0.297 (H) x 0.297 (V) mm
Viewing Angle	140/115 (H/V)
Power Supply	
Input	AC 100 ~ 250V, (50Hz / 60Hz)
Output	DC 14V/4.5A
Power Consumption	
On Mode	Client : 45 W Base Station : 12 W
Stand By	Client : 2 W Base Station : 2 W
Dimensions (W x D x H) / Weight	
	Client : 386 x 427 x 187 mm / 3.93 kg Base Station : 218 x 223.3 x 81.9 mm / 1.65 kg
Environmental Considerations	
Operating Temperature	50 °F to 104 °F (10 °C to 40 °C)
Operating Humidity	10% to 80%
Storage Temperature	- 13 °F to 113 °F (-20 °C to 45 °C)
Storage Humidity	5% to 95%

Memo

Memo

MONTE(BN68-00625A-01)_UK 4/20/04 08:27 PM Page 48

– AFTER SALES SERVICE

– Do not hesitate to contact your retailer or service agent if a change in the performance of your product indicates that a faulty condition may be present.

SAMSUNG ELECTRONICS

BN68-00625A-01